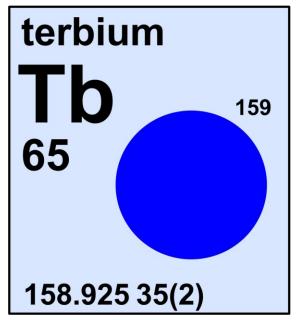
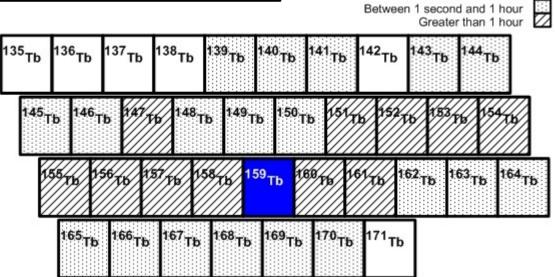
terbium



Stable	Atomic mass*	Mole
isotope		fraction
¹⁵⁹ Tb	158.925 3468	1.0000

^{*} Atomic mass given in unified atomic mass units, u.

Half-life of redioactive isotope
Less than 1 second



Important applications of stable and/or radioactive isotopes

Isotopes in medicine

1) 149 Tb is being studied for use in targeted α -therapy and labeling radioimmunoconjugates in cancer treatments.

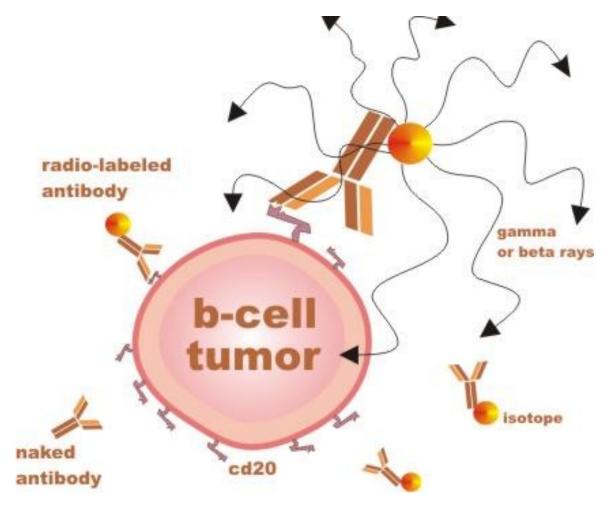


Figure 1: Radio-immunotherapy working against a timorous cell. Manmade antibodies laced with specific radioisotopes are created to target and deteriorate cancerous cells.